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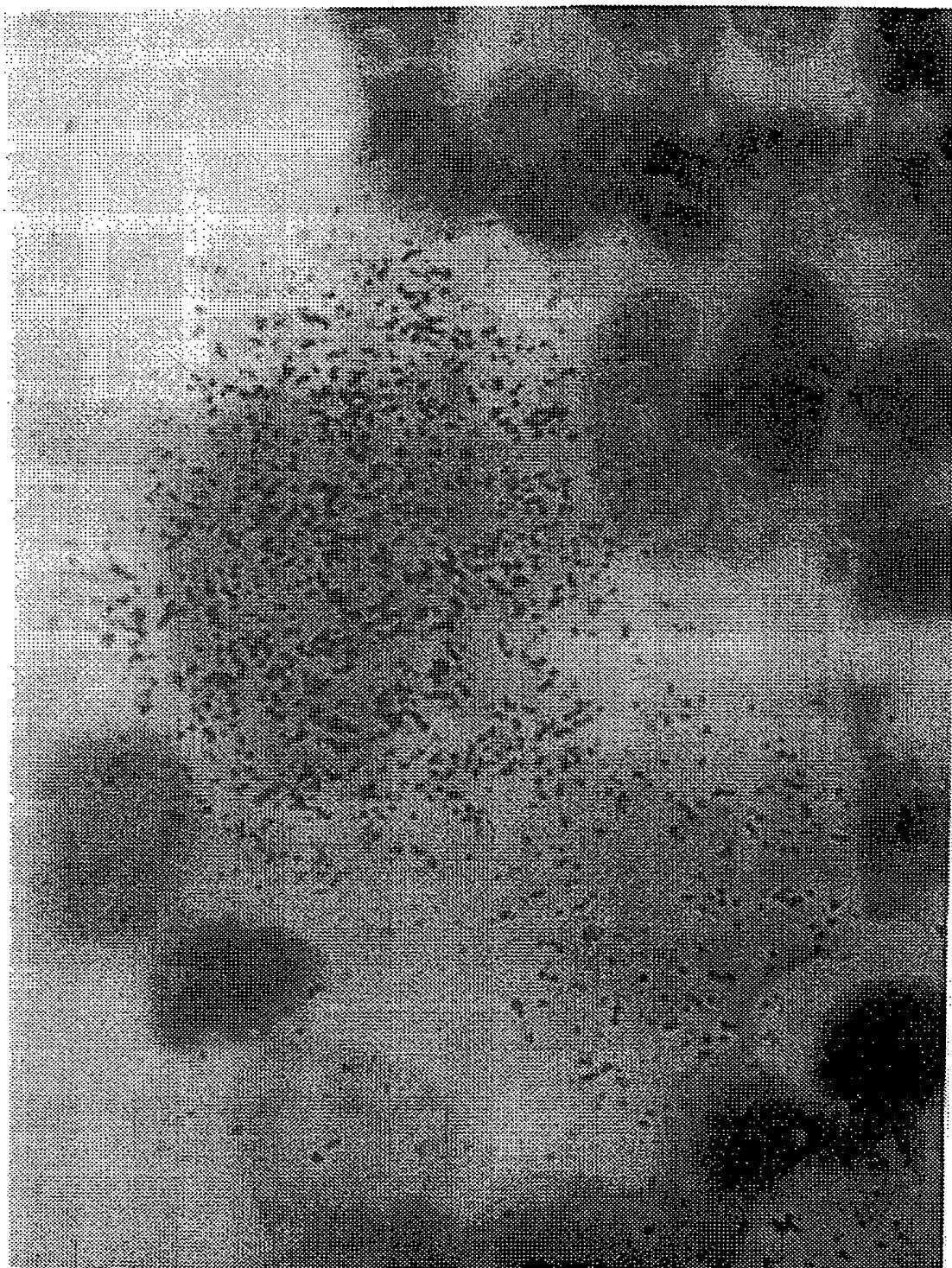


FIG. 1.

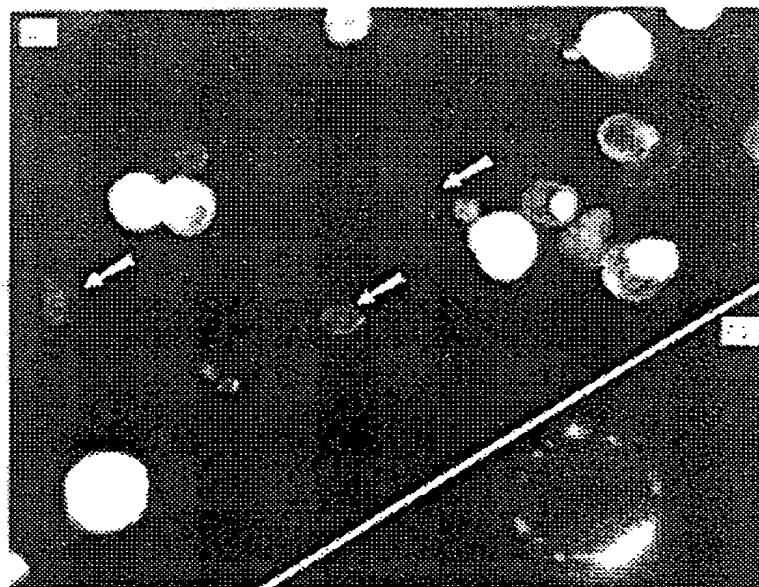
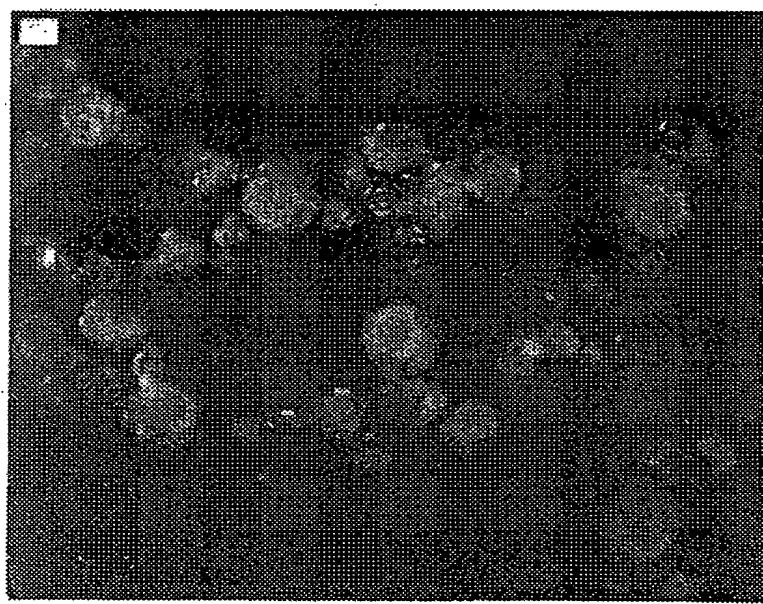


FIG. 2B.

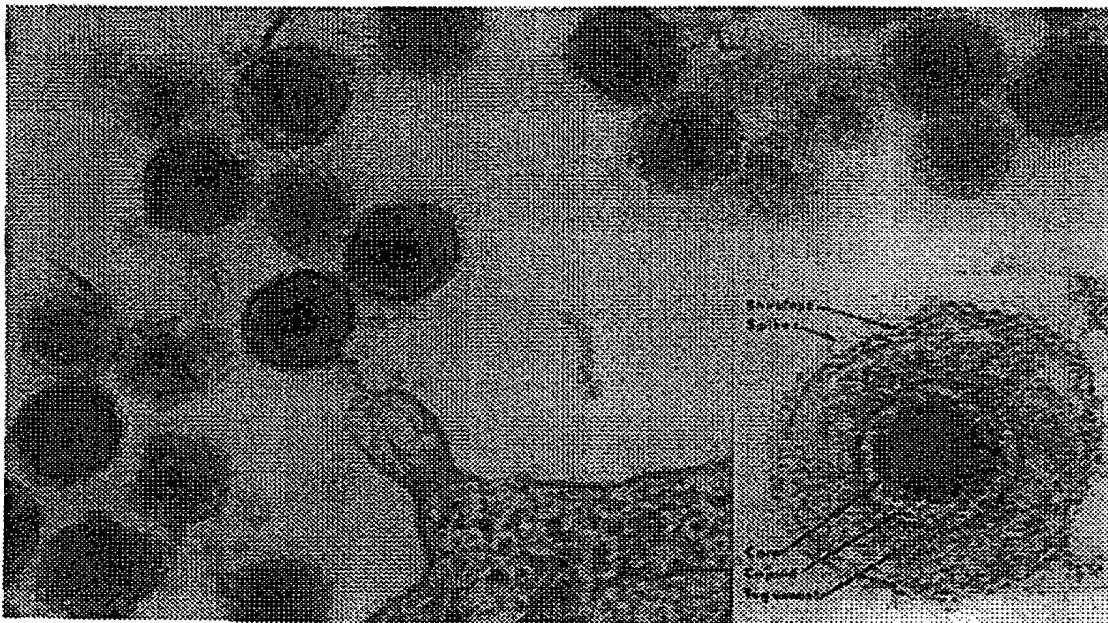


Atty: Docket No.: 015280-212210US

Applicant: Syed Saki Salahuddin, et al.

Title: ANTIBODIES AGAINST HUMAN HERPESVIRUS-6(HHV-6) AND
METHOD OF USE

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HUMAN B-LYMPHOTROPIC VIRUS (HBLV)

FIG. 3.

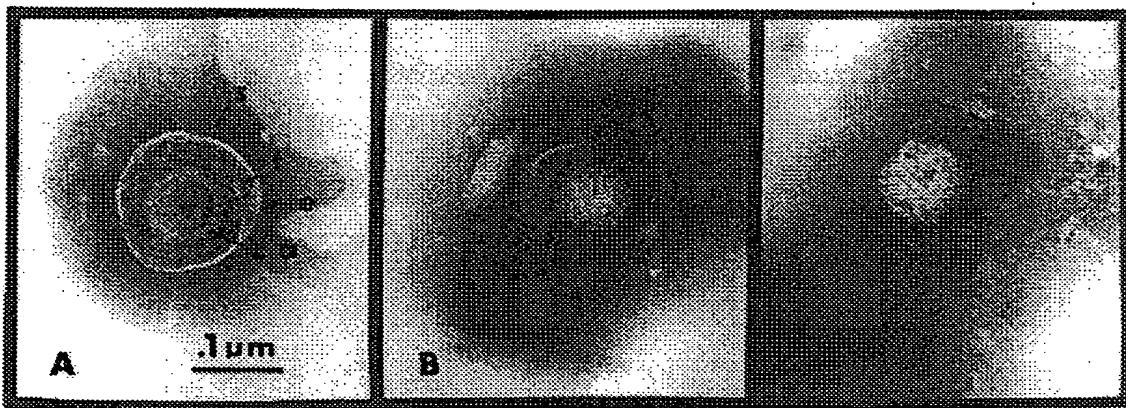
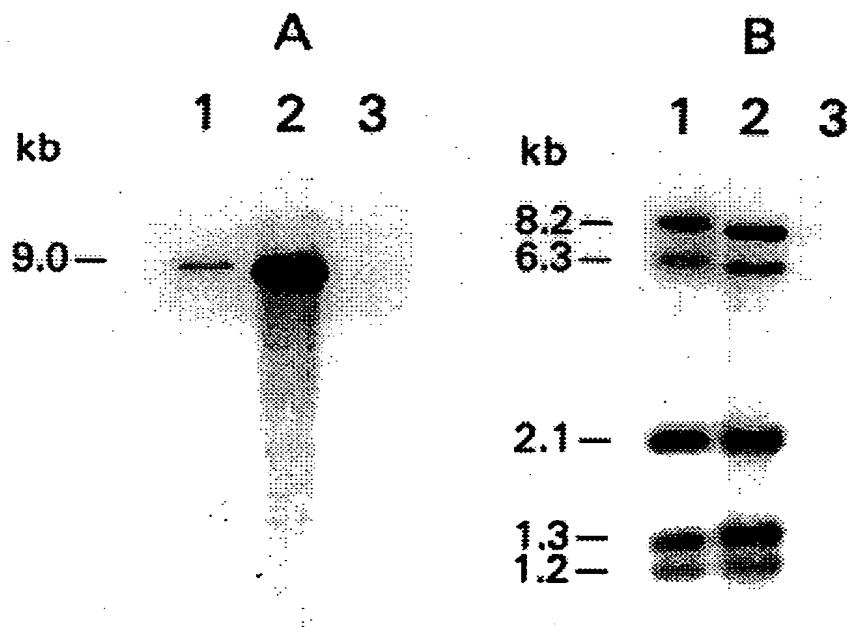


FIG. 4A.

FIG. 4B.

FIG. 4C.

**HYBRIDIZATION OF HHV-6 SPECIFIC CLONE,
ZVH-14 TO DNA FROM HBLV INFECTED
CORD BLOOD LYMPHOCYTES.**



A=Hind-III

B=Eco-RI

FIG. 5A.

FIG. 5B.

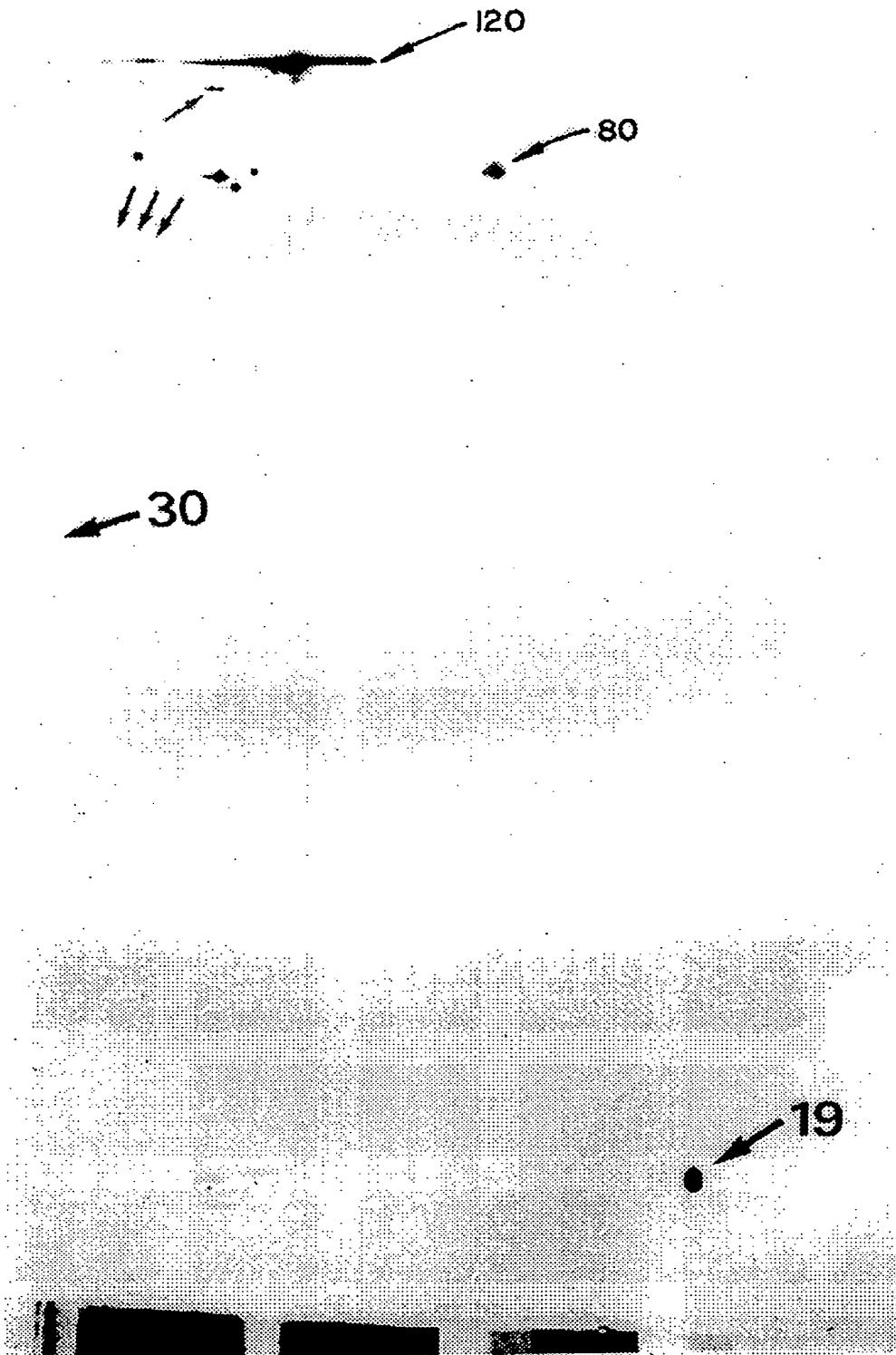
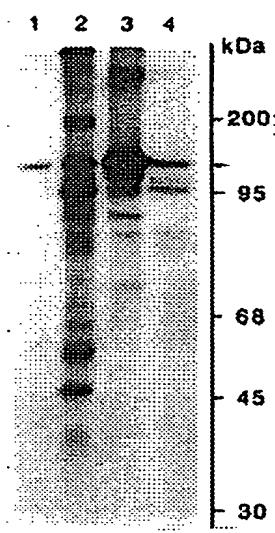


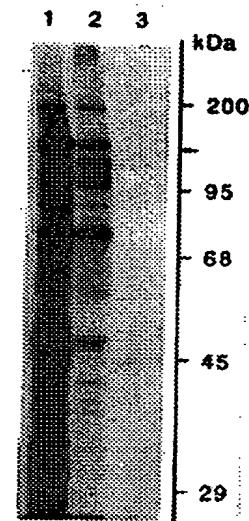
FIG. 6.



3 hrs ^{35}S Methionine and ^{35}S cysteine labeled HSB-2 infected cells.

Lane 1. HBLV negative serum by IFA
Lane 2. Rabbit HBLV hyperimmune serum
Lane 3. HBLV high positive serum by IFA from CFS patient
Lane 4 HBLV low positive serum by IFA

FIG. 7A.

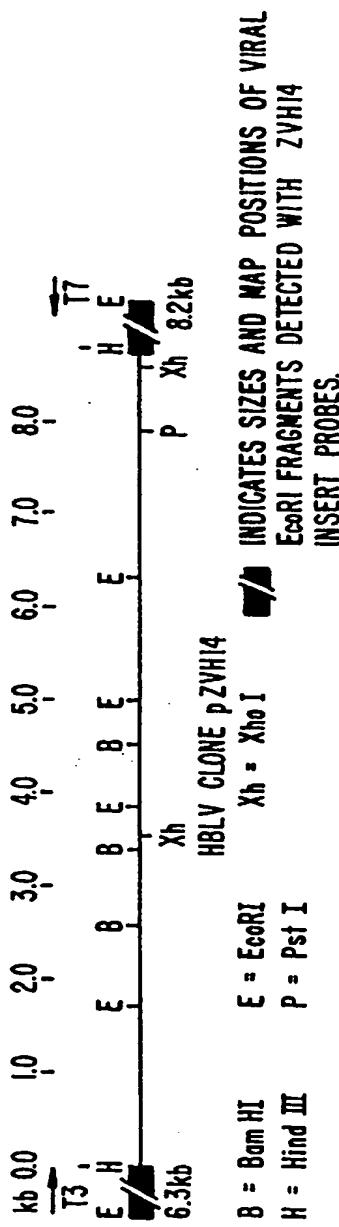


HBLV positive serum by IFA reacted with

Lane 1. 15 hrs labeled - HBLV infected HSB-2 cell supernatant
Lane 2. Infected cells (HSB-2) lysates.
Lane 3. Uninfected cells (HSB-2) lysates.

♦ 120 kDa consistently recognized in HBLV positive sera

FIG. 7B.



85

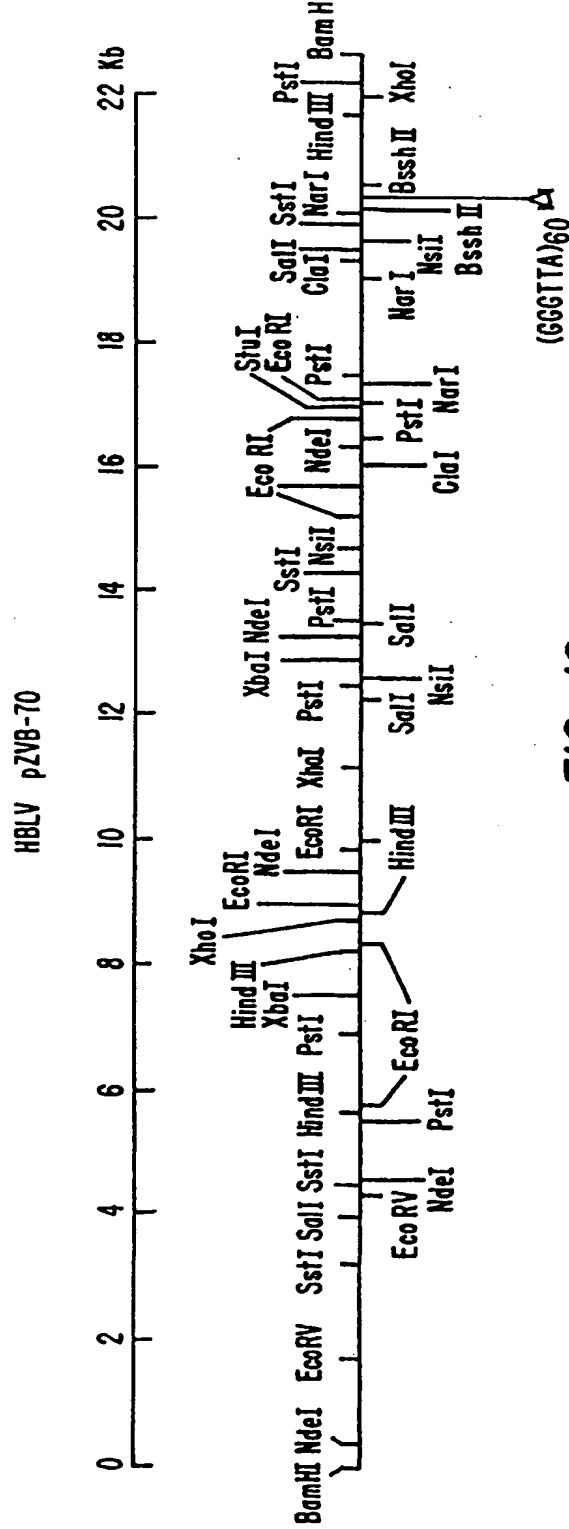


FIG. 16.

WESTERN BLOTH ANALYSIS OF HBLV PROTEINS

23 26 30 32 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120

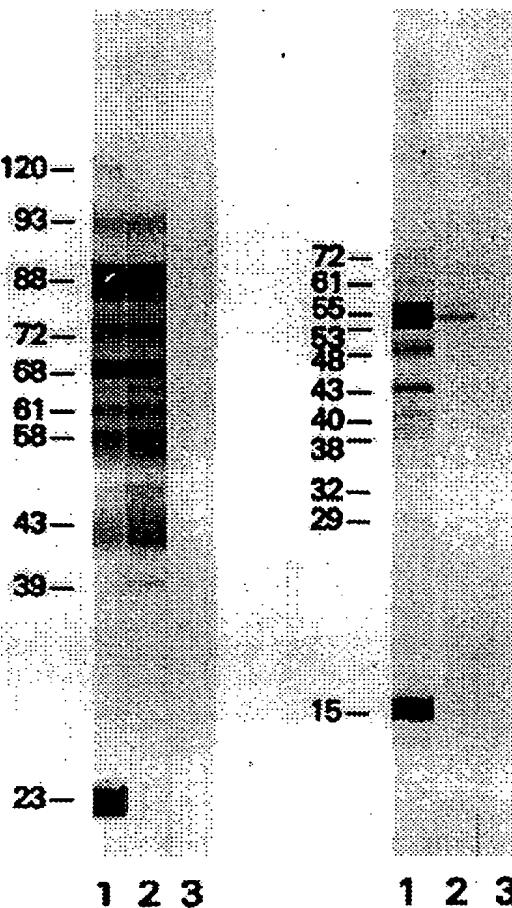


FIG. 9A. FIG. 9B.

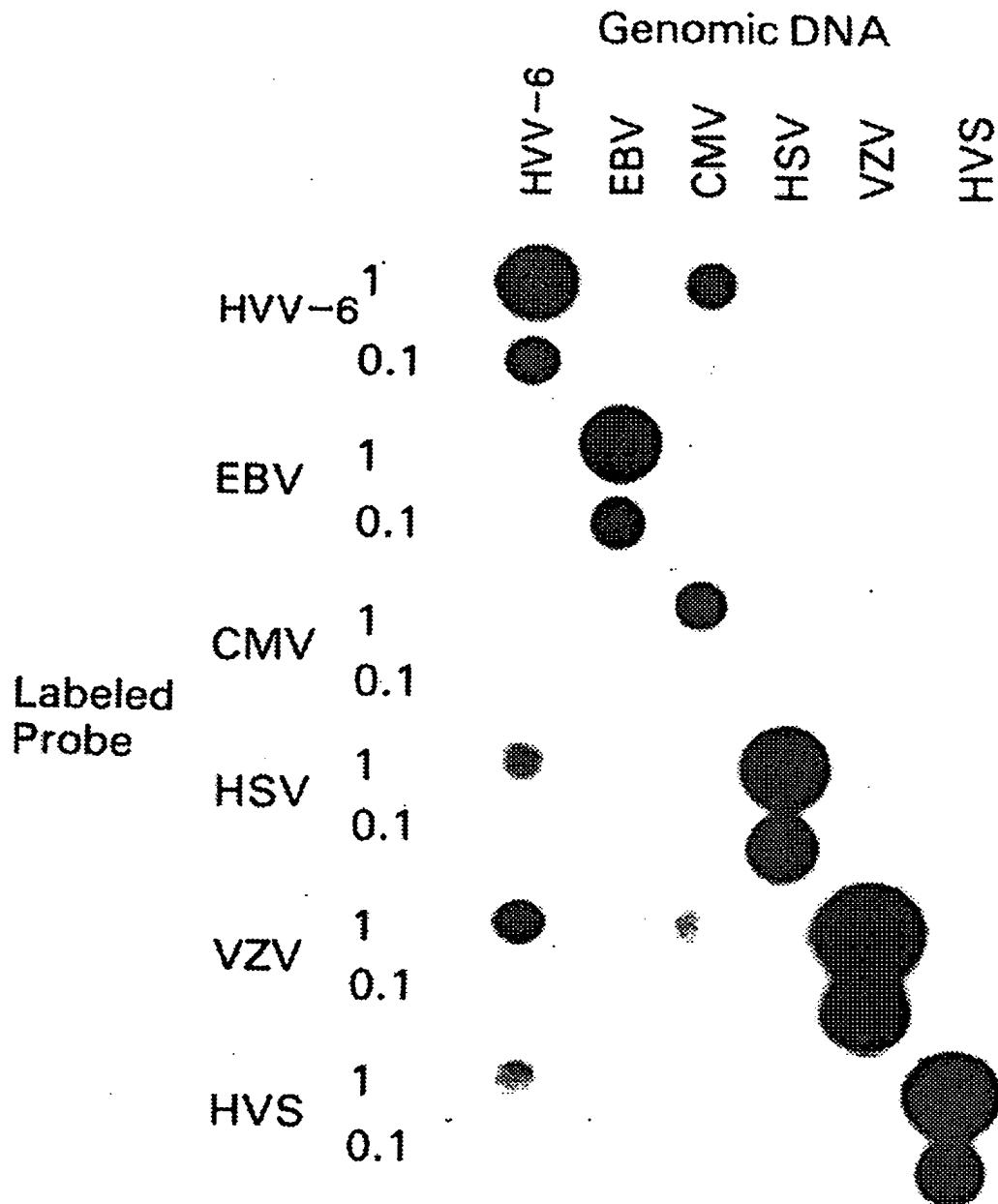
A = Concentrated HBLV from HSB-2 Cells

B = HSB-2 Cell Lysates

Lane 1 and 2: HBLV Antibody Positive Sera

Lane 3: HBLV Antibody Negative Serum

1000
900
800
700
600
500
400
300
200
100

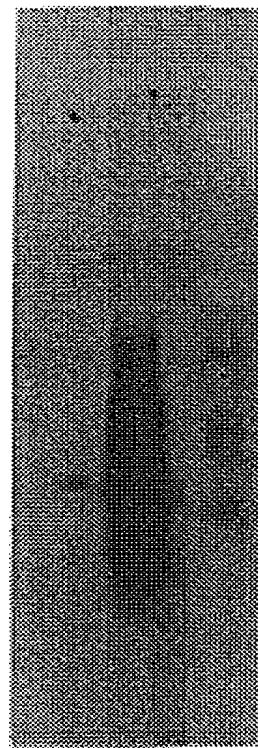


SPECIFIC HYBRIDIZATION OF HUMAN DNA VIRUS PROBES TO
GENOMIC DNA OF HUMAN HERPES VIRUSES BY DNA DOT
BLOT ANALYSIS.

1 UNIT = 25 μ g DNA

FIG. 10.

1 2 3



Kb
-8.2
-6.3

-2.1

-1.3
-1.2

**HBLV Sequences in a follicular
Large cell Lymphoma.**

LANE 1 — Negative Control

LANE 2 — Tumor Cell DNA

LANE 3 — DNA from HBLV positive BL

**DNA from negative and positive
controls and Tumor (Lane 2) was
digested with EcoR-1.**

FIG. II A.

AFRICAN BURKITT TUMOR B-CELL LYMPHOMA

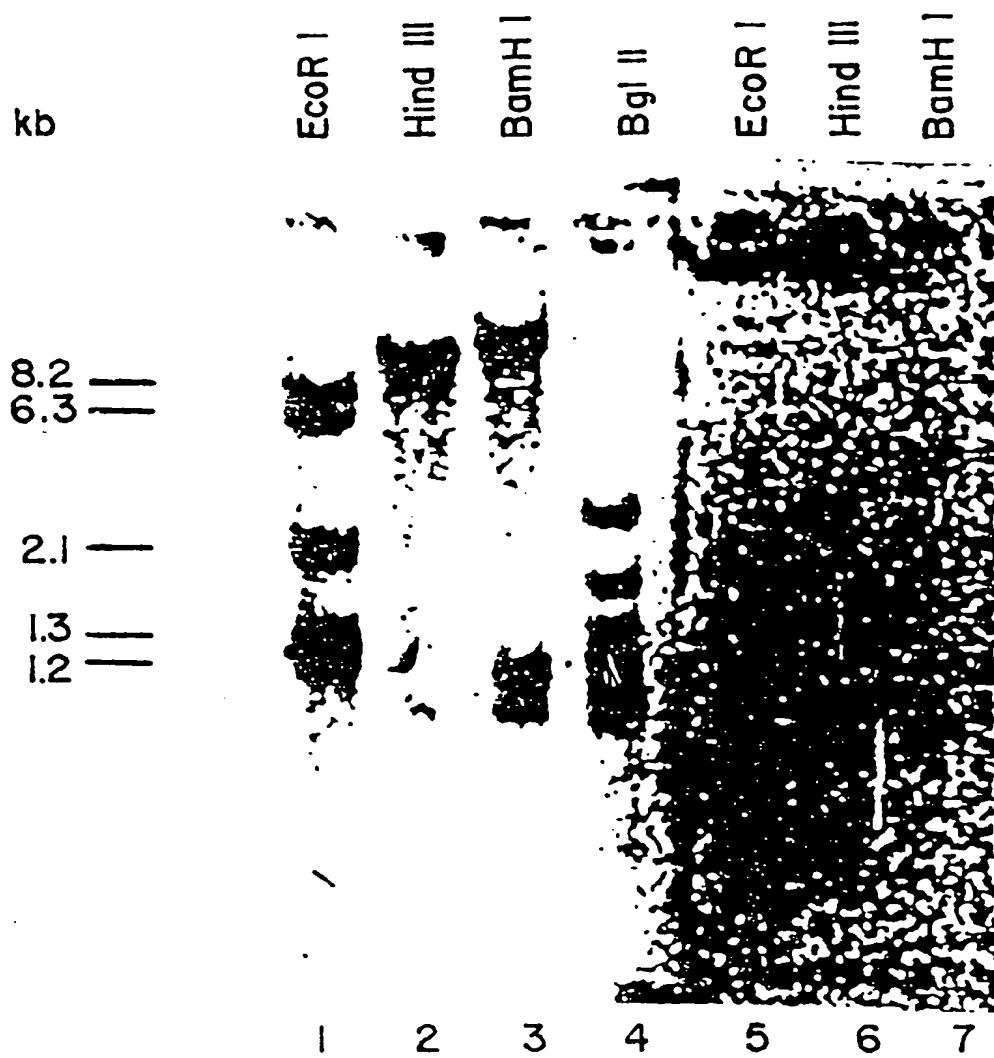
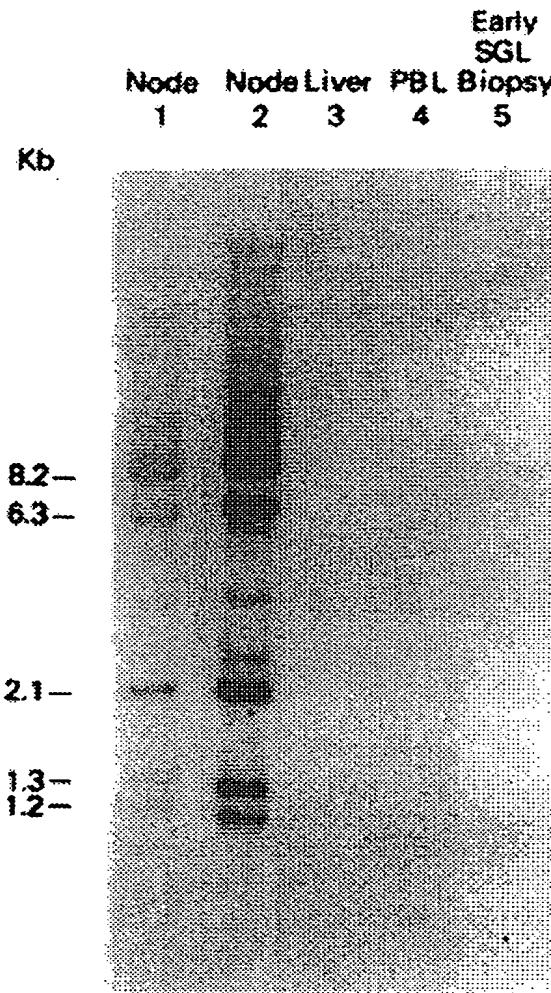


FIG. 11B.

**Detection of HBLV Sequences in B-Cell
Tumors Arising in a Sjögren's Syndrome
Patient**



LANE 1 ABDOMINAL NODE
LANE 2 THORACIC NODE
LANE 3 PERIPHERAL BLOOD LYMPHOCYTES
LANE 4 LIVER
LANE 5 EARLY SALIVARY GLAND BIOPSY

FIG. IIc.

**RESTRICTION ENZYME ANALYSES OF THE
HBLV GENOME**

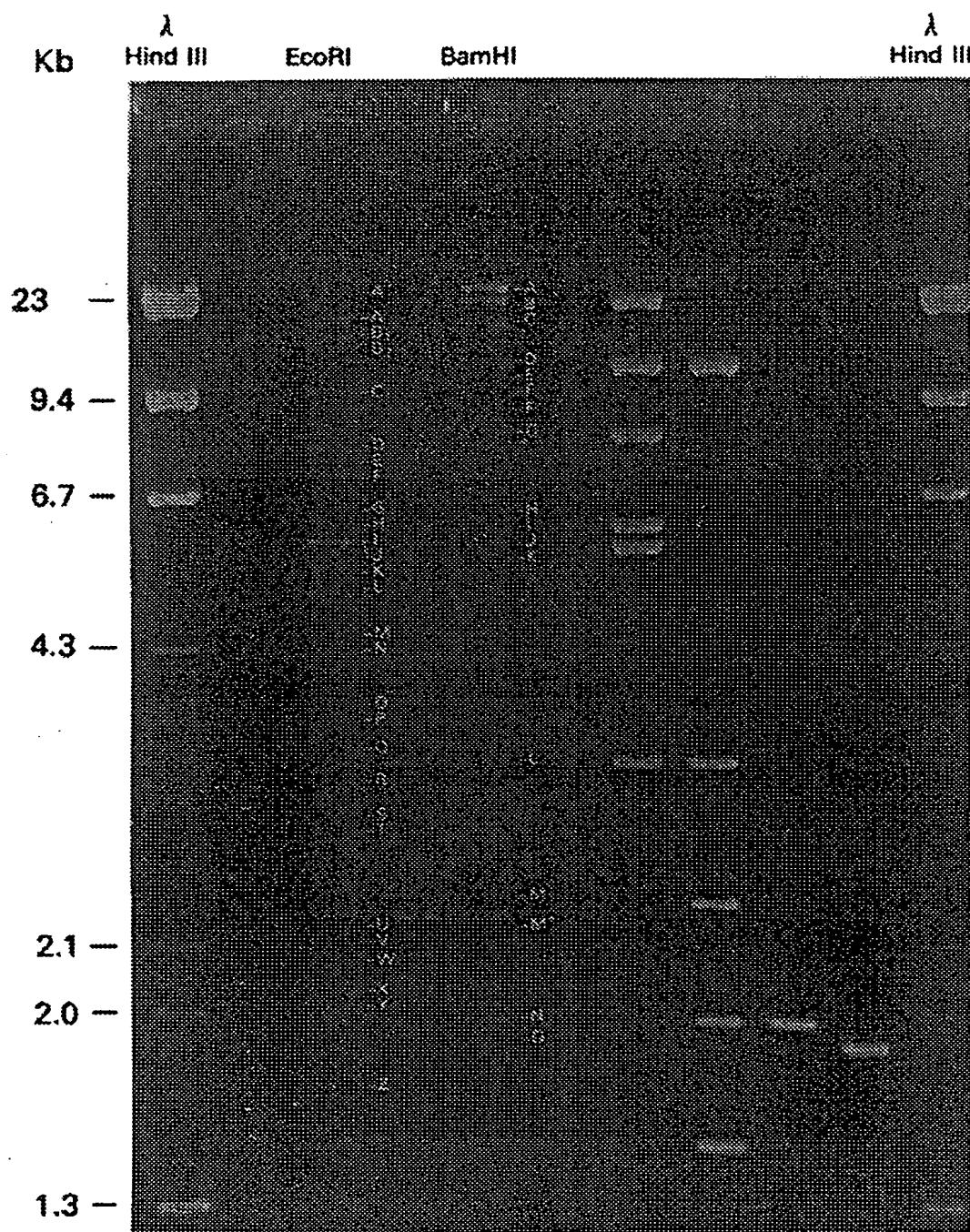
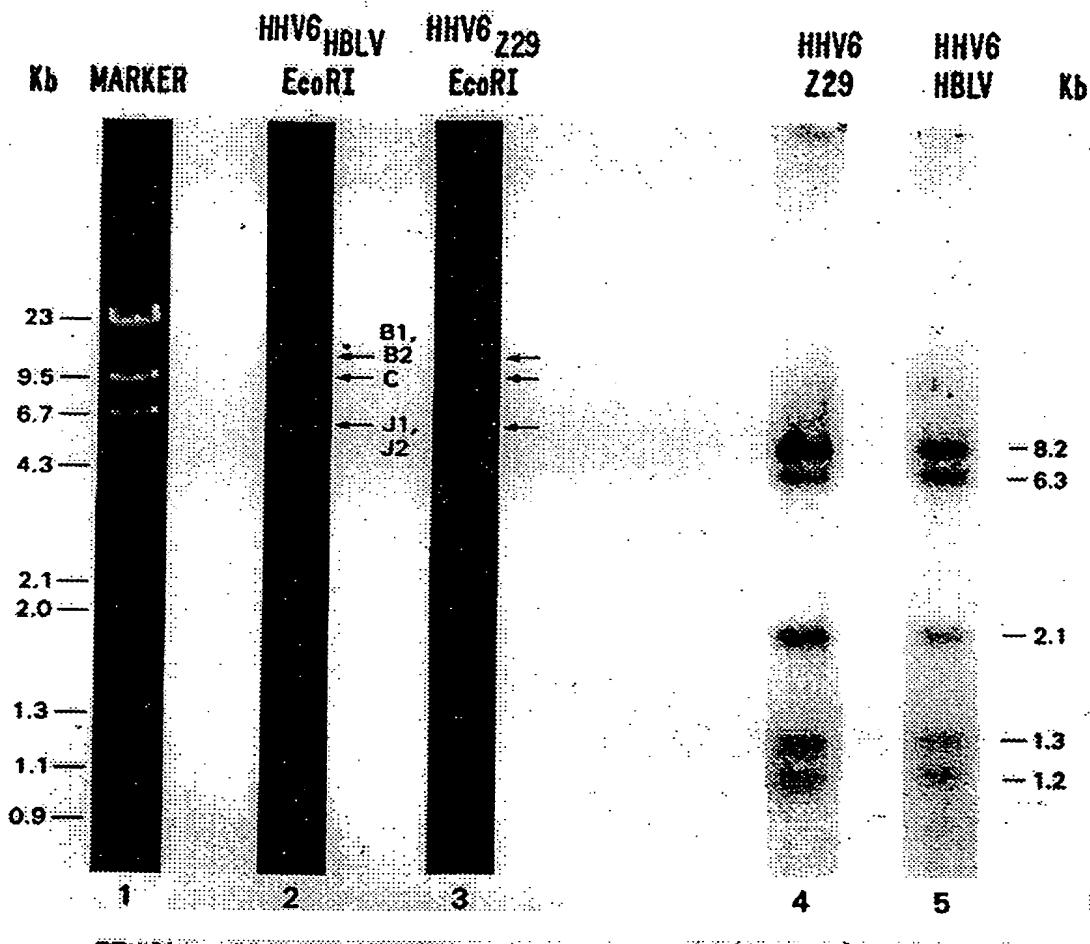


FIG. 12.



ETHIDIUM BROMIDE STAIN

FIG. 13A.

HYBRIDIZATION OF 2 AND 3
RESPECTIVELY TO HBLV PROBE
pZVH14

FIG. 13B.

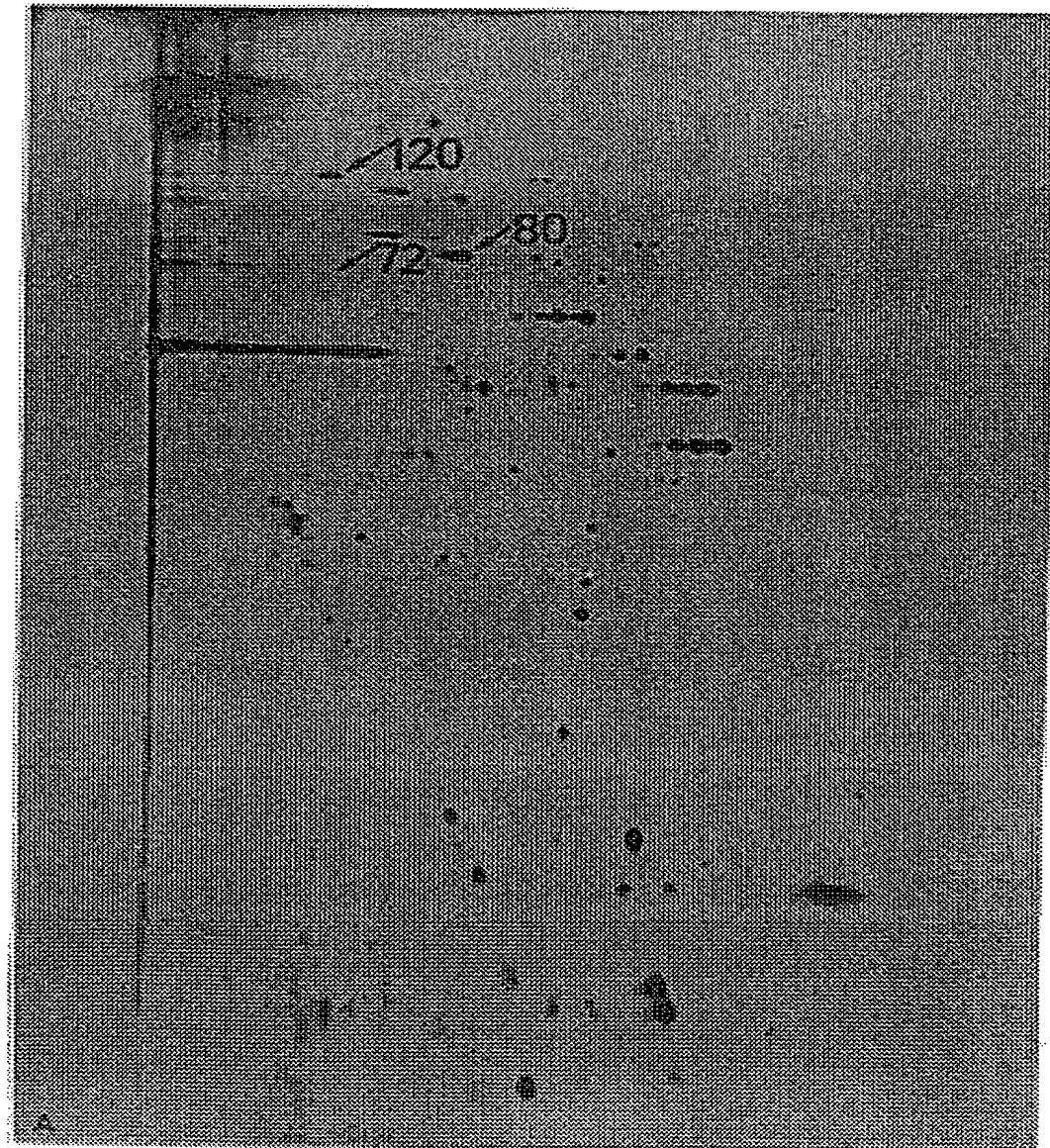


FIG. 14.

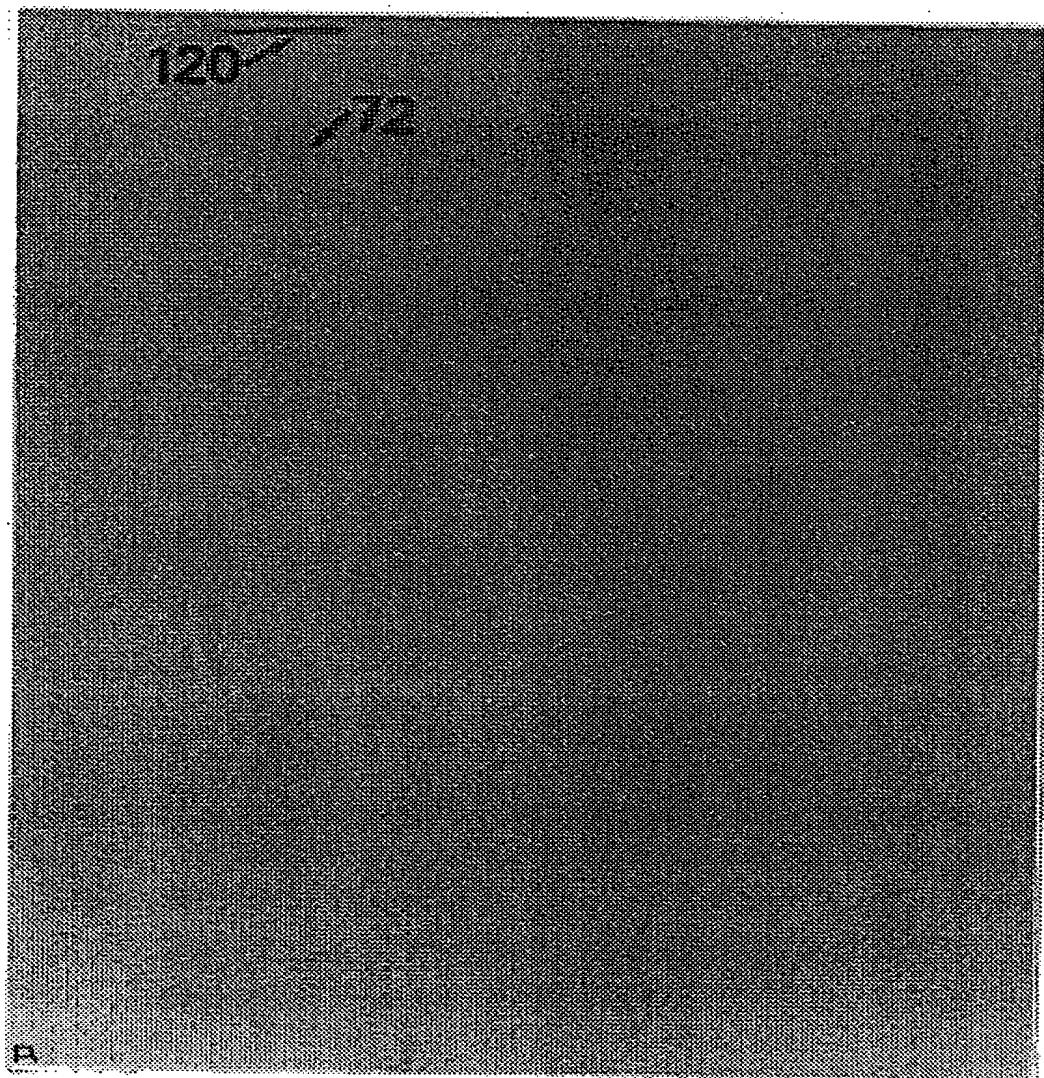


FIG. 15.

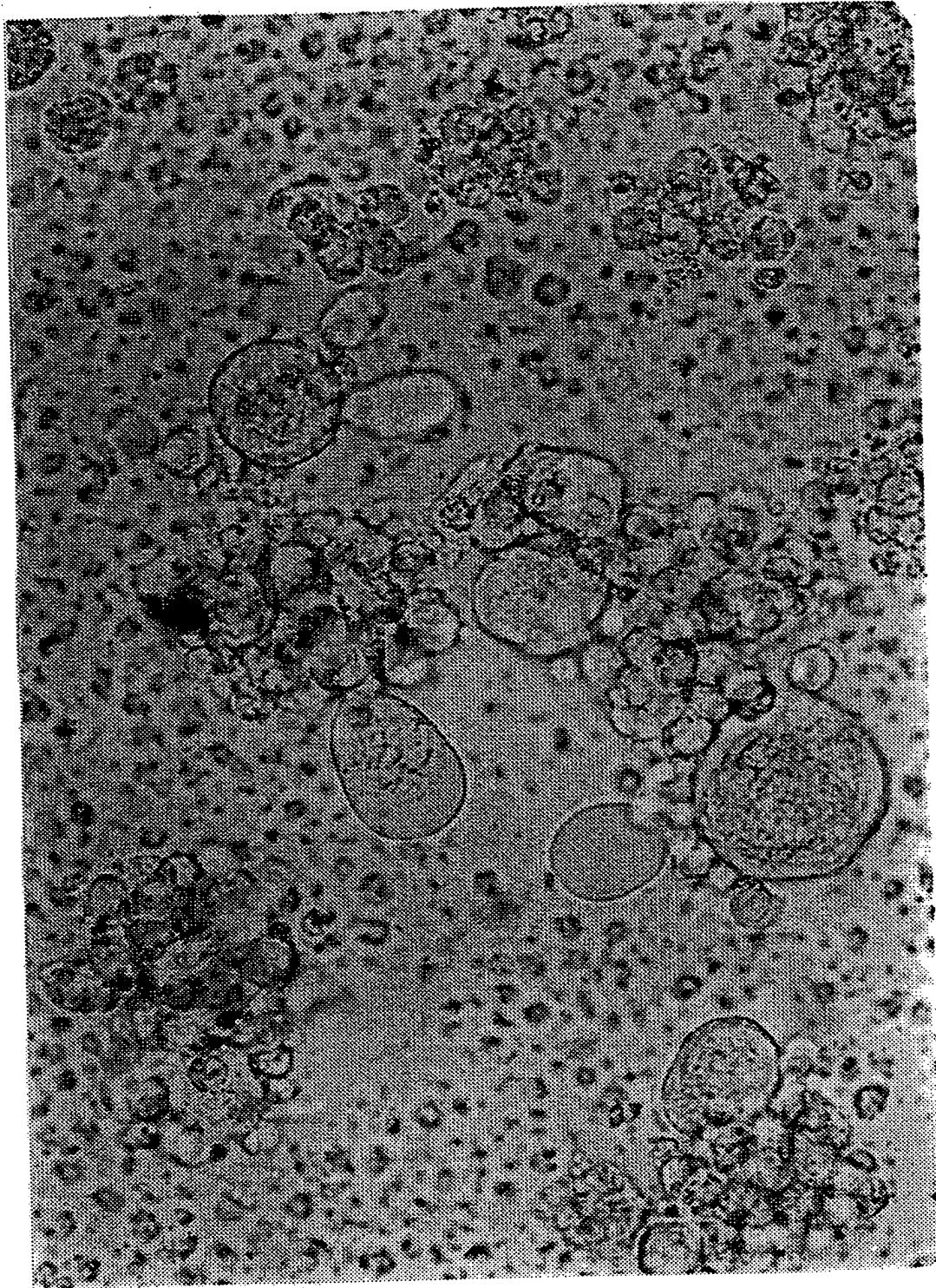


FIG. 17.